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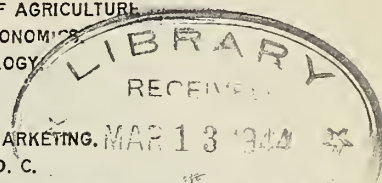
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COTTON LITERATURE

SELECTED REFERENCES

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COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING.
BUREAU OF AGRICULTURAL ECONOMICS, WASHINGTON, D. C.



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CONTENTS

Production.....	99
General.....	99
Botany.....	99
Agronomy.....	101
Diseases.....	103
Insects.....	104
Farm Engineering.....	104
Farm Management.....	105
Production Credit.....	105
Farm Social Problems.....	105
Cooperation in Production.....	106
Preparation.....	106
Ginning.....	106
Baling.....	107
Marketing.....	107
General.....	107
Demand and Competition.....	108
Supply and Movement.....	113
Prices.....	114
Marketing and Handling Methods and Practices.....	115
Services and Facilities.....	115
Cooperation in Marketing.....	116
Utilization.....	116
General.....	116
Fiber, Yarn, and Fabric Quality.....	116
Technology of Manufacture.....	122
Technology of Consumption.....	124
Seed and Seed Products.....	126
Legislation, Regulation, and Adjudication.....	127
Miscellaneous--General.....	132

COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONGeneral

Empire cotton growing corporation [Gt.Brit.] Reports received from Experiment stations 1932-1933. 233 pp., illus. London, 1934.

Contains full reports from South Africa (including Barberton, Natal and Swaziland), from Queensland and from St. Vincent, with summaries from Rhodesia, Anglo-Egyptian Sudan, Uganda, Nyasaland, Nigeria, and Fiji.

India. Central Provinces and Berar. Dept. of agriculture. Report on demonstration work carried out in the Eastern circle... for the year ending 31st March 1932. 90 pp., tables, diagrs. Nagpur. 1933.

Notes on cotton and cottonseed are included.

West Indies (British) Imperial department of agriculture. Report on the agricultural department for 1932. Laid before the Legislative council on the 17th day of January, 1934. 20pp. Grenada, 1934. (Council paper No. 27 of 1933).

Cotton selection and experimental work, p. 8-12. Observations on insect pests of cotton, p. 16.

Botany

Afzal, M. The inheritance of 'lintless' in Asiatic cottons. Indian Jour. Agr. Sci. 3(6): 1124-1132. Dec. 1933. (Published at Delhi, India)

Ayyar, V.R., and Balasubrahmanyam, R. Inheritance of pollen colour in Asiatic cottons. Indian Jour. Agr. Sci. 3(6): 1116-1123, illus. Dec. 1933. (Published at Delhi, India).

References: p. 1123.

Harland, S.C. The genetical conception of the species. Trop. Agr. [Trinidad] 11(3): 51-53. Mar. 1934. (Published at Imperial College of Tropical Agriculture, St. Augustine, Trinidad, BWI)

Communicated by N. Vavilov, Member of the Academy, the 3.XI.1933. Reprinted from Mem. Acad. Sci. U.R.S.S. 1933, No. 4.

"Suitable experimental material for the genetic study of species hybrids is not very common, but in the genus Gossypium, to which the important commercial cottons belong, we find a number of species eminently adapted for the purpose. It is with some experimental data from genetic studies in this genus and some deductions therefrom that I propose to deal."

Hawkins, R.S., and others. Varietal differences in cotton boll shedding as correlated with osmotic pressure of expressed tissue fluids. Jour. Agr. Research [U.S.] 48(2):149-156, diagrs. Jan.15,1934. (Published by U. S. Dept. of Agriculture, Washington, D. C.)

Key No. Ariz.-9.

"The shedding of young Acala cotton bolls was definitely correlated with the osmotic pressures of the expressed tissue fluids of the leaves and day-old bolls. The daily changes in boll shedding and osmotic pressures show no correlation in the Pima variety. The extremely low shedding coupled with comparatively high osmotic pressures may account for the lack of correlation."-Summary, p.156.

Kanash, S.S.. Interspecific hybridization within the limits of the cotton plant varieties with different chromosomes. 55 pp., illus. Moskva [etc.] 1932.

Text and added title in Russian; summary in English.

"Spisok literatury": pp.33-34.

At head of title: Proceedings of the Central Asia scientific-research cotton institute...The work of the Central plant breeding station.

Summary in Empire Cotton Growing Rev. 10(4): 334-336. Oct. 1933.

Abstract in Jour. Textile Inst. 24(11):A545-A546. Nov.1933.

Mason, T.G., and Maskell, E.J. Further studies on transport in the cotton plant. II. An ontogenetic study of concentrations and vertical gradients. Ann.Bot. 48(189):119-141, illus. Jan.1934. (Published at London, England)

Literature cited, p.141.

"Using three reference lines, namely (i) fresh weight, (ii) water content, (iii) total carbohydrate material, the following conclusions as to storage of different materials during development are reached: (a) Polysaccharides accumulate steadily, especially in the bark; (b) total N accumulates in the bark even more markedly than polysaccharides, but shows little, if any, accumulation in the wood; (c) phosphorus accumulates rapidly in the bark and also in the wood. It shows depletion from the lower zones during the final period; (d) calcium increases in the bark steadily up to the last collection, but only at about the same rate as fresh weight. It shows some accumulation in the wood; (e) potassium shows no sign of accumulation."-Summary.

Reprinted with part I as Memoirs of the Cotton Research Station, Trinidad, Ser.B. Physiology, No.5.

Tsivinskii, V.I. K izucheniiu morfologii i fiziologii kornevoi sistemy khlopchatnika. 48 pp., illus. Moskva [etc.] 1933.

"Literatura", p. [46]

A study of the root system of the cotton plant.

Agronomy

Ak-Kavakskaaia tsentralnaia agrotekhnicheskkaa stantsia. Fertilizers for cotton (articles of different authors) pt.1-2. Moskva [etc.] 1933.

Text and added title-page in Russian; summaries in English.

Bibliographies interspersed.

Partial contents: Part 1: An essay on obtaining a basis of the mechanisation of fertilizers application to cotton, by D.V. Kharkov, pp.3-20; A study of the methods and application time of fertilizers for cotton, by D.V.Kharkov, V.V.Poltoraztsky, and T.P. Lasukova, pp.20-37; Potassium fertilizers for cotton, by X.V.Kharkov and L.J.Pershakova, pp.38-47; The effect of potassium on the cotton plant development, by O.F.Tueva, pp.48-51; The effect of nitrogen and phosphorus on the rate of development and yield by vegetative experiments, by O.F.Tueva, pp.52-60; The relative value of cotton seed meal and castor seed meal for cotton crops, by P.Kaz, pp.61-64; Part 2: Results of collective experiments in cotton fertilizing in Mid-Asia and Kasakstan 1929-1931, by D.V.Kharkov, pp.1-107.

Arkansas leading staple growing state. Farm and Ranch 53(5):22. Mar.1,1934. (Published at 3306 Main St., Dallas, Tex.)

Discusses varieties developed in the cotton breeding program of the University of Arkansas College of Agriculture.

Butler, Eugene. An extra bale per ton. Normal use of fertilizer should pay. Prog. Farmer (Tex.Ed.) 49 (3):12-13. Mar.1934. (Published at 1104 Insurance Bldg., Dallas, Tex.)

"Few Texas farmers have used a 'normal' quantity of fertilizer in recent years, and there can be a considerable increase without violating either the letter or spirit of" the cotton contracts which they have signed.

Domin, S.I. Tekhnika peresadochnoi kul'tury khlopchatnika (kratkoe rukovodstvo) 54 pp., illus. Moskva [etc.] 1933.

Technique of transplanting cultivated cotton.

Essary, S.H. Select varieties of cotton. Tenn. Agr. Expt.Sta. Circ.47, 3 pp. Knoxville. 1934.

Pedrov, B. Bor'ba s zasoleniem i zabolachivaniem poch v khlopkovykh raionakh. 24 pp., illus. Moskva [etc] 1933. (Biblioteka khlopkoroba)

Struggle against saline and swampy soils in cotton regions.

Fertilizing the cotton. Farm and Ranch 53(6):11. Mar.15,1934. (Published at 3306 Main St., Dallas, Tex.)

Georgia Coastal Plain experiment station. Thirteenth annual report, 1932. 105 pp., illus. Tifton. 1933. Cotton variety and fertilizer tests, pp.10-18.

Golovchenko, S.G. Opyt Mavlian Palvana Gafarova. 15 pp., illus. Moskva [etc.] 1933.

The experiments of Mavlian Palvan Gafarov.

Goranskii, M.M., Moskvina, I.A., and Kandalov, M.I. Kul'tura khlopchatnika v severnoi Kirgizii. Iz rabot Frunzenskoi zonal'noi stantsii. 36 pp. Moskva [etc.] 1933.

Culture of cotton in the northern Kirghiz.

"Comparisons were made of some of the new numbers, sown direct and transplanted and with Navrotskii as control, in earliness, yield, etc. Some of the new numbers exceeded Navrotskii in earliness. The transplanted individuals preceded the seeded ones by 6 to 13 days in flowering and 8 to 22 in maturity, the greatest acceleration being in the late sorts; a yield increase was observed only in the latest variety. Navrotskii was the best in yield and length of lint, closely followed by No. 1306." - Jour. Textile Inst.24(11):A544. Nov.1933.

[Hunnicut, G.F.] How to make money growing cotton. South. Cult. 92(3):10. Mar.1,1934. (Published by Constitution Publishing Co., Box 1731, Atlanta, Ga.)

Cites case of H.C.Stamps, of Carroll County, Ga., who by sowing cotton land in legumes and plowing vines under "made 22 bales of cotton on 20 acres and only used \$60 worth of fertilizer."

India. Indian central cotton committee. Publicity officer. Improvement of cotton in the Punjab. Indian Trade Jour. 111(1436):1007-1008. Dec. 28, 1933. (Published by Department of Commercial Intelligence and Statistics, Calcutta, India)

Describes improved varieties developed through the joint research of the Indian Central Cotton Committee and the Punjab government.

Jordan, Harvie. Compulsory control of cotton industry by federal law for the season of 1934-35. Farmers are adopting intensive system of culture under restricted acreage. South. Cult.92(3):2,4. Mar.1,1934. (Published by Constitution Publishing Co., Box 1731,

Atlanta, Ga.)

Includes suggestions for better farming under intensive culture.

New cotton king. Scottsdale grower wins crown by producing Pima crop of over a bale to the acre. Ariz.Prod. 12(24):1. Mar.1,1934. (Published at Phoenix, Ariz.)

Nigeria. Dept. of agriculture. Experiments on farming details at Moor plantation, Ibadan,1922-1932. 44 pp. mimeogr. [1932?]

Cotton yields, etc., pp. 35-41.

Plant improved seed. Reduction makes this essential. You cannot afford to plant inferior cotton seed this year. N. C. Cotton Grower 13(3):1,11. Mar.1934. (Published at Raleigh, N. C.)

Gives varieties recommended for North Carolina by Dr. P. H. Kime.

Shiao, F. A study on the field-technique of cotton. Jour. Agr. Assoc. China 114:53-90. July 1933. (Published at Shanghai, China)
In Chinese.

Sredne-Aziatskii nauchno-issledovatel'skii institut po khlopkovodstvu, Tashkent. Za vysokii urozhai; agrotekhnicheskie meropriiatiia po povysheniiu urozhainosti khlopchatnika v 1932 godu. 247 pp. Moskva [etc.] 1932.

For a larger harvest. Agro-technic measures for increasing the cotton crop of 1932.

[Ware, J.O.] Arkansas leads. Cotton Digest 6(21):9-10. Mar.3,1934. (Published at Cotton Exchange Bldg., Houston, Tex.)

"The cotton breeding Program of the University of Arkansas College of Agriculture...has given to growers a number of new strains of cotton." These are mentioned and the increase of staple length of Arkansas cotton is discussed.

Watenpaugh,H.N. High yield club results. Ariz.Prod. 12(24):1,6. illus. Mar.1,1934. (Published at Phoenix, Ariz.)

Diseases

Pozzi-Escot,E. Le soufre en agriculture. Chimie & Industrie 30(3):533-534. Sept.1933. (Published at 49, Rue des Mathurins,Paris,France)

Sulphur in Agriculture.

The use of sulphur in combating cotton wilt is described.

Taubenhaus, J.J., and Ezekiel, W.N. Check list of diseases of plants in Texas. Tex. Acad. Sci. Trans. 16: 5-89. 1931-32. (Published at Austin, Tex.)
Cotton, pp.8-9.

Insects

India. Indian central cotton committee. Publicity officer. The cotton leaf-hopper in the Punjab. Indian Trade Jour. 112(1440):200-201. Jan. 25, 1934. (Published by Department of Commercial Intelligence and Statistics, Calcutta, India)

Describes symptoms of attack and control measures.

India. Indian central cotton committee. Publicity officer. Damage caused to the Punjab cotton crop by white-fly. Indian Trade Jour. 112 (1437):4. Jan. 4, 1934. (Published by Department of Commercial Intelligence and Statistics, Calcutta, India.)

Describes symptoms of attack and control measures.

India. Indian central cotton committee. Publicity officer. Object of the pink boll-worm scheme. Indian Trade Jour. 112(1438):59. Jan. 11, 1934. (Published by Department of Commercial Intelligence and Statistics, Calcutta, India)

Results of investigations. The susceptibility of American varieties in India is mentioned.

Isley, Dwight. Control of the boll weevil in Arkansas. Ark. Agr. Col. Ext. Circ. 162, rev., 8pp. Little Rock. 1933.

Monteil, L. Les insectes nuisibles au cotonnier en Afrique Equatoriale Francaise. Agron. Colon. 23 (193):11-18. Jan. 1934. (Published by Institut National d'Agronomie Coloniale, Minister des Colonies, Paris, France)

Insect pests of cotton in French Equatorial Africa.

Sao Paulo, Brazil (City) Instituto biologico de defesa agricola e animal. As pragas do algodoeiro e os processos para o seu combat. 22pp. Sao Paulo, Imprensa Oficial, 1931.

Pests of cotton and means of combating them.

Farm Engineering.

Gel'ster, G.P. Chto takoe planovo vodopol'zovanie; problemaia gruppa sotsialisticheskogo vodopol'zovania. 37 pp., illus. Moskva [etc.] 1933.

What is planned water utilization?

Orlov. K kharakteristike polivnogo zemel'nogo fonda sredneaziatskikh respublik. Sotsialisticheskoe Stroitel'stvo Srednei Azii (2/3): 9-25, map. 1933. (Published at Tashkent, USSR)

Characteristics of the irrigated area of Central Asiatic republics.

Petrov. Dozhdevanie khlopchatnika (Resul'taty opytov v Srednei Azii) Sotsialisticheskoe Stroitel'stvo Srednei Azii (2/3): 83-86, tables. 1933. (Published at Tashkent, USSR)

Rain-like method of irrigating cotton. (Results of experiments in Central Asia)

Ushakov, S. I. Organizatsiia mekhanizirovannogo sbora khlopka. 55 pp., illus. Moskva [etc.] 1933.

Organization of cotton picking machinery.

Farm Management.

Adams, R.L., and Crawford, L.A. Farm management crop manual. 200 pp., tables, mimeogr. Berkeley, Calif., University of California, College of Agriculture, 1933.

Includes information on yield of cotton, selling price at farm, and costs of production and handling.

Campbell, J. P. Use of the land removed from production of cotton. Cotton Trade Jour. 14(11): 6. Mar. 17, 1934 (Published at New Orleans, La.)

Among suggestions are soil improvement, food production, tree planting and protection of game species.

Less cotton, what then? Here's what master farmers will do. Prog. Farmer (Tex. Ed.) 49(3): 10, 14, 40, illus. Mar. 1934. (Published at 1104 Insurance Bldg., Dallas, Tex.)

Comment from master farmers on the acreage reduction scheme and their plans for the land on which cotton will not be grown.

Production Credit

Kennedy, R. C. Note on cotton. Christian Cent. 51(3): 87-88. Jan. 17, 1934. (Published at 440 South Dearborn St., Chicago, Ill.)

Experiences of a cotton farmer with the financing of his operations in recent years resulting in his decision to go through bankruptcy.

Farm Social Problems.

DeFord, M. A. Blood-stained cotton in California. Nation 137(3572): 705-706. Dec. 20, 1933. (Published at 20 Vesey St., New York, N. Y.)

Details of cotton pickers' strike in six counties of the lower San Joaquin Valley in 1933.

Evans, J.A. 30 years in the Cotton belt. U. S. Dept. Agr., Ext. Serv., Ext. Serv. Rev. 5(2):21. Feb. 1934. (Published at Washington, D. C.)

Discusses cotton-adjustment program as an opportunity for betterment of life in the Cotton Belt.

One-variety community cotton work increases profits of farmers. South. Cult. 92(3):7. Mar. 1, 1934. (Published by Constitution Publishing Co., Box 1731, Atlanta, Ga.)

Review of the year's work in a one-variety community at Orchard Hill, Ga. Mentions comparison made between Stoneville No. 2 and other varieties. Several one-variety gins are maintained in the section.

PREPARATION

Ginning

Adams, Orville. Economical power for gins. Several factors to be considered. Cotton and Cotton Oil News 25(9):3-4. Mar. 3, 1934. (Published by the Ginner and Miller Publishing Co., Dallas, Tex.)

Fairbanks-Morse introduces new self-contained wagon scales for gins. Amer. Ginner and Cotton Oil Miller 11(7):17, illus. Mar. 1934. (Published at 14 Cotton Exchange Building, Little Rock, Ark.)

More about federal loans for individual ginners. Cotton Ginners' Jour. 5(6):4, 22. Mar. 1934. (Published at 109 Second Ave., Dallas, Tex.)

"Complete resume of what has been done toward securing R.F.C. or other type of Federal loans for cotton gin operators." Includes petition from Texas Cotton Ginners' Association to members of Congress from Texas, and letter from Senator Morris Sheppard regarding loans to ginners. The latter quotes a memorandum from Secretary of Agriculture Wallace.

Prichard, W. M. Peppery particles reduce lint value. Cotton Ginners' Jour. 5(6):11, 18. Mar. 1934. (Published at 109 Second Ave., Dallas, Tex.)

The writer describes small black particles seen in some ginned cotton and ascribes their cause to a certain type of gin which breaks up the "little black tail-like appendage that grows on the sharp end of the cotton seed about one-eighth to one-fourth inch long depending upon character of cotton."

American manufacturing company. The truth about sisal as a bale covering for cotton, with a foreword by Major C. H. Dale. 32 pp. Brooklyn, N. Y., 1933.

Reports findings of spinners in all countries who made tests on cotton covered with sisal bagging.

MARKETING

General

Cotton imports--supplies & prices. Effects of America's financial policy and the acreage curtailment plan. Textile Mercury and Argus (44th ann.trade rev.): 9,10, tables. Feb.16,1934. (Published at 41 Spring Gardens, Manchester, England)

Hauter, L.H. New Mexico agricultural outlook--1934. N.M.Agr.Col.Ext.Circ.127, 16 pp. State College.1934. Cotton, p.4-5.

International federation of master cotton spinners' and manufacturers' associations. International cotton statistics (Preliminary result) Consumption of cotton for half-year ending 31st January,1934 and stocks of cotton in spinners' hands on 1st February 1934 with previous figures for comparison. 28 pp., tables. Manchester, England. 1934.

1933 recovery furnishes sound basis for profitable operations in cottons. Textile World 84(3):431-438. Feb.28,1934. (Published by Bragdon, Lord and Nagle Co.,Inc.,330 West 42nd St., New York, N.Y.)

Annual review of the raw cotton and cotton textile industries in 1933.

1933's antics make us regret our enthusiasm for 1932's "roller coaster." Textile World 84(3). 417-418, charts. Feb.28,1934. (Published by Bragdon, Lord and Nagle Co.,Inc.,330 West 42d St.,New York, N.Y.)

Charts show trends in textile activity and consumption and prices of raw materials, for 1933.

Palmer,A.W. Cotton situation. U.S.Dept.Agr.,Bur.Agr. Econ.,Agr.Situation 18(3):3-7. Mar.1934. (Published at Washington, D.C.)

Survey of 1933 and prospects of 1934 season.

Review of the cotton and cotton yarn market, 1933. Chinese Econ.Bull.24(3):38-41, tables. Jan.20,1934. (Published by Bureau of Foreign Trade, Ministry of Industry, Customs Bldg., Shanghai, China)

Review of the Shanghai market, including tables showing details of the year's quotations for standard cotton and yarn and of forward prices for 1934, and piculs handled.

Demand and Competition

Burton, C.S. Crop curtailment and money changes presage new levels for cotton. Can America maintain her commanding world position for our greatest export commodity? Mag. of Wall St. 53(9):444-445, 471, tables, charts. Feb. 17, 1934. (Published at 90 Broad St., New York, N.Y.)

Canada. Dept. of trade and commerce. Dominion bureau of statistics. Census of industry. Report on the cotton textile industry in Canada 1932. 65 pp., mimeogr. Ottawa, 1934.

Comer, Donald. Wages and wage differentials: South becoming more concerned--Agricultural areas should have fair chance for advantages of industrial development--Prevent crop overproduction and provide markets. Amer. Wool and Cotton Rptr. 48(11): 15-19, 21. Mar. 15, 1934. (Published at 530 Atlantic Ave., Boston, Mass.)

Discussion before one of the groups of code authorities meeting in Washington, D.C., March 6, 1934.

Also in Textile Bull. 46(3):3, 27. Mar. 15, 1934

Competition. Amer. Wool & Cotton Rptr. 48(12):1, 37-39. Mar. 22, 1934. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.)

Testimony of Mr. G.A. Sloan at hearings in Washington, January 25, is quoted to show competition between paper and cotton goods.

Cotton industry and trade in 1933. Mitsubishi Mo. Circ. 123:7-9, tables. Jan. 1934. (Published by Mitsubishi Economic Research Bureau, Tokyo, Japan)

Japanese industry and trade, including statistics.

Ellinger, Barnard. Japan's external trade analysed. The position of raw cotton in the imports. Manchester Guardian Com. 28(715):167, table. Mar. 3, 1934. (Published at the Guardian Bldg., Manchester, England)

Factors in the decline of export trade. Incidence of Japanese competition and restricted purchasing power. Textile Mercury and Argus. (44th ann. trade rev.): 8, tables. Feb. 16, 1934. (Published at 41 Spring Gardens, Manchester, England.)

Germany's cotton yarn imports. Prohibitive tariff on Lancashire products. Textile Weekly 13(314):42, tables. Mar. 9, 1934. (Published at 49 Deansgate, Manchester, England)

Government and the cotton trade. Textile Weekly 12(312):701-702, 703. Feb. 23, 1934. (Published at 49

Deansgate, Manchester, England)

Report of discussion by A.C. Crossley and others at a meeting of the Oldham (England) Cotton Mill Managers' Association on January 19, 1934.

Import duty on cotton. Indian Textile Jour.44(520): 132.Jan.1934. (Published at Military Square, Fort, Bombay, India)

Recommends the removal of the Indian import duty on raw cotton.

The Indian import trade. Afterthoughts on the Indo-Japanese agreement. Textile Recorder 51(611):66. Feb.15,1934. (Published at Old Colony House, Manchester 2, England)

Indo-Japanese textile trade agreement. Indian Textile Jour.44(520):120-122.Jan.1934. (Published at Military Square, Fort, Bombay, India)

Reproduces the full text of the trend of the conversations at the International Conference between Indian and Japanese Textile Delegations, and comments of associations and personages connected with the Indian textile industry.

Japan and the United Kingdom. Cotton industries' relative positions in 1933. Textile Weekly 13(313): 7-8, tables. Mar.2,1934. (Published at 49 Deansgate, Manchester, England)

Japan's cotton consumption record. Textile Mercury and Argus 90(2343):118. Feb.9,1934. (Published at 41 Spring Gardens, Manchester, England)

Statistics for 1933 cotton trade, based on reports of the New York Cotton Exchange Service.

Kawakami, K.K. Britain's trade war with Japan. Foreign Affairs 12(3):483-494. Apr.1934. (Published at 45 East 65th St., New York, N.Y.)

This article is concerned with the serious inroads made into the cotton textile markets so long monopolized by British manufacturers.

Lancashire's trade with South China. Worst year on record for Hong Kong. Why imports have declined. Textile Mercury and Argus 90(2343):106. Feb.9,1934. (Published at 41 Spring Gardens, Manchester, England)

Langdon-Davis, John. Ramie: King cotton's rival. Forum 90(5):289-292. Nov.1933. (Published at 10 Ferry St., Concord, N.H.)

"It is no new discovery--far from it. Egyptian mummies were often wrapped in it thousands of years ago, and it was the staple textile crop of China until 1300 A.D., when it was routed by the coming of cotton, of all things..Ramie has undoubted advantages but, so far, these cannot be used in our particular form of industrial civilization" because of the lack of a machine to decorticate it and degum it.

Lord, H.G. Government loans for textile industry. Textile World 84(4):632. Mar.1934. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Plan for obtaining loans from the Reconstruction Finance Corporation.

Manchester [Eng.] chamber of commerce. Annual meeting of members. Manchester [Eng.] Chamber of Com. Mo. Rec. 45(2):33-38. Feb. 28, 1934. (Published at Ship Canal House, King St., Manchester, England)

Report of meeting held February 12, 1934.

The Manchester cotton trade was discussed in the presidential address made by Richard Bond.

Markets for cotton yarns. Sweden a good outlet in finer counts. Textile Weekly 12(312):688. Feb. 23, 1934. (Published at 49 Deansgate, Manchester, England)

Abstract of report on cotton yarn trade in Sweden issued by the Great Britain Department of Overseas Trade.

Muhlen, K.W. Beitrage zur rationalisierung in der baumwollspinnerei. Spinner und Weber 52(7):1-3, diagr. Feb. 16, 1934. (Published at 7/9 Gellertstrasse, Leipzig, Germany)

To be continued.

Contribution to the rationalization in the cotton spinning industry.

New facts for cotton spinners. Ascertaining true yarn costs. Textile Mercury and Argus 90(2343):107. Feb. 9, 1934. (Published at 41 Spring Gardens, Manchester, England)

Abstract of confidential memorandum issued by the Executive Committee of the Bolton Master Cotton Spinners' Association to member firms.

Orr, W.J. Lancashire cotton corporation--The trade position reviewed. Textile Mercury and Argus 90(2340):47, illus. Jan. 19, 1934. (Published at 41, Spring Gardens, Manchester, England)

Address delivered at meeting of shareholders of the Lancashire Cotton Corporation on Jan. 18, 1934.

Potwin, M.A. This thing of housing. Cotton (Atlanta) 98(3)33-36. Mar.1934. (Published by W.R.C.Smith Publishing Co., Atlanta, Ga.)

Discusses the problem of financial cost and social weight of the mill village, from the viewpoint of the manufacturer.

Production control in textile industries. U.S.Dept. Labor,Bur.Labor Statis.Mo.Labor Rev.38 (2):295. Feb. 1934. (Published at Washington,D.C.)

Mentions curtailment of production authorized during December, 1933, under the codes for the cotton textile, hosiery and silk industries.

Seibulescu, Alexandru. The textile industry of Roumania in 1931. Rumania. Ministere de l'Industrie et du Commerce. Correspondence Economique Roumanie. Bulletin Officiel 15(2/3):1-39, tables. Apr./Sept. 1933. (Published at Bucharest, Rumania)

Cotton industry, pp.22-26.

Smith, E.D. Lessons of the stretchout. A preliminary report of a study of some human problems in the management of technological change. Mech.Engin.[New York]56(2):73-80,charts. Feb.1934. (Published at 20th and Northampton Streets, Easton, Pa.)

Presented at annual meeting of the American Society of Mechanical Engineers, New York City, December 4 to 8, 1933.

Report on a study made by the Institute of Human Relations, Yale University, New Haven, Conn., the details of which are to be fully given in a book later to be published.

"Above all, a study of the stretchout [in the cotton textile industry] indicates that what has apparently merely a technological change cast its influence far afield and affected matters as remote as sales policies, methods of management, and mill-village conditions. If such policies, methods, and conditions cannot be brought into line with the proposed technological developments, it is better to wait until they can...In the individual factory, unless adequate provision is made to support technological advance by equivalent advance in other fields, especially in the management of human beings, such an advance is likely to bring serious human, as well as economic, consequences."

Taylor,T.H. Cotton and U.S. export trade. Cotton Digest 6(23):7-8. Mar.17,1934. (Published at 703 Cotton Exchange Building, Houston, Tex.)

Address delivered at convention of the Texas Cotton Association at Dallas, March 16-17, 1934.

Also in Cotton Trade Jour.14(11):7.Mar.17,1934.

Textile men deny union charges. Challenge unions to prove statements. Textile.Bull.46(5):3-4, Mar.29, 1934. (Published by Clark Publishing Company, 118 West Fourth St., Charlotte, N.C.)

"Statements made before the Senate Labor Committee in Washington by Francis J. Gorman, Vice-president of the United Textile Workers of America, that Southern mill workers were clamoring for a general strike drew fire from mill men." Replies by T.M. Marchant and G.A.Sloan are quoted.

Textile trade with China. Textile Manfr.60(709):23. Jan.1934. (Published by Emmott & Co. Ltd., 31 King St., West, Manchester, 3, England)

Abstract of report issued by the Great Britain Department of Overseas Trade.

It is stated that "the greatest progress in local production has been in cotton piece goods which is the leading factory industry in China."

Abstract also in Manchester [Eng.] Chamber of Com. Mo.Rec.45(2):48. Feb.28,1934.

Turks' five-year plan. Textile mills first. Manchester Guardian Com.28(713):124. Feb.17,1934. (Published at the Guardian Bldg., Manchester, England)

"Three combined textile plants are to be erected... Each will be equipped with 30,000 spindles and about 1,000 looms."

U.S. cotton study. Cotton Digest 6(23):9-10. Mar.17, 1934. (Published at 703 Cotton Exchange Building, Houston, Tex.)

"So that the long-time cotton program of the United States may be adapted to future trends in foreign cotton production and consumption, the Bureau of Agricultural Economics at Washington has begun a study of cotton problems in various countries." Mentions cotton production in Brazil, Egypt, India, Russia, and China.

Vinson, Curtis. Can America retain cotton leadership? Tex.Weekly 10(11):8-9. Mar. 17, 1934. (Published at 2500 McKinney Ave., Dallas, Tex.)

Concluding article in series by the writer.

The author advances the belief that competition abroad may injure America's future. Increased foreign trade is answer.

Vinson, Curtis. Europe faces crisis in cotton trade. Tex.Weekly 10(8):8-9. Feb.24,1934. (Published at 2500 McKinney Ave., Dallas, Tex.)

First in series of three articles.

The author reports impressions gained from a "recent tour of buying and spinning centers in England, Germany, France, Switzerland and elsewhere."

Vinson, Curtis. World competes with American cotton. Tex. Weekly 10(10):8-9. Mar. 10, 1934. (Published at 2500 McKinney Ave., Dallas, Tex.)

Part I of the third article in a series by the writer.

The question is raised as to whether curtailment of cotton production in the United States will effect the South's foreign markets. Research work in competing countries is mentioned. Dr. R. W. Webb, in charge of the research work of the Division of Cotton Marketing, United States Department of Agriculture, is quoted in this connection.

Wallace, H. A. American agriculture and world markets. Foreign Aff. 12(2):216-230. Jan. 1934. (Published by Council on Foreign Relations, Inc., 45 East 65th St., New York, N. Y.)

"Of all our exports, cotton should probably be the last permanently to go. The people who urge that our cotton limitation program is encouraging the foreign growth of cotton are mistaken. At this writing the gold price of cotton in world markets is as low as it was last March. Foreign growths of cotton have been declining in recent years and for the time being our policy is doing nothing to encourage foreign growths. This situation will of course have to be re-examined about two years hence when our huge carry-over has been reduced to normal. By that time, it is hoped, the American people will have become willing to accept sufficient goods from abroad so that the foreign countries will have adequate purchasing power with which to buy a normal supply of cotton at a fair price."

The year in the cotton trade. Lancashire getting to grips with internal problems. Textile Mercury and Argus (44th ann. trade rev.): 7-8, 13. Feb. 16, 1934. (Published at 41 Spring Gardens, Manchester, England)

Supply and Movement.

Lanham, W. B., and Weaver, O. T. Grade and staple length of cotton carried over in the United States as related to the domestic supply, 1928-29 to 1931-32. U. S. Dept. Agr. Statis. Bull. 45, 23pp., tables, charts. Washington, D. C. 1934.

Long, L. E. Grade, staple and variety of Mississippi cotton. Miss. Agr. Expt. Sta. Bull. 300, 32 pp., illus. State College, 1933.

Schoffelmayer, V. H. Cotton and government control. Cotton Digest 6(23):6-7. Mar. 17, 1934. (Published

at 703 Cotton Exchange Building, Houston, Tex.)
Address at convention of the Texas Cotton Association at Dallas, March 16-17, 1934.

"Continued reduction of America's cotton acreage and crop may have serious consequences, should foreign nations seize the opportunity to increase their production which is likely to happen under the stimulus of higher prices."

Also in Cotton Trade Jour. 14(11):5. Mar. 17, 1934.

Torn, E. P. Cotton yield quality reports for Bartlett [Texas] community. Cotton Ginners' Jour. 5(6):16, 19-20. Mar. 1934. (Published at 109 Second Ave., Dallas, Tex.)

Report of the Williamson County Cotton Improvement Project. Includes descriptive analysis of varieties grown, among them Lankart; Qualla; Kasch; Harper; Mebane; and Bagley.

The writer is a member of the Grade and Staple Estimates Project of the United States Division of Cotton Marketing, Department of Agriculture.

Torn, E. R. Williamson county makes cotton study. Farm and Ranch 53(6):4, table. Mar. 15, 1934. (Published at Dallas, Texas.)

Compares staple length of cotton produced in several counties of Texas.

Val'nev, N., and Eidel'nant. K voprosu o metodike prognoza i ucheta urozhaia khlopchatnika. Sotsialisticheskoe Stroitel'stvo Srednei Azii (2/3): 60-77. 1933. (Published at Tashkent, USSR)

Forecasting of cotton crops.

Prices

[Anderson, W.D.] Cotton goods prices are dirt cheap. Textile Bull. 46(1):8,33. Mar. 1, 1934. (Published at 118 West Fourth St., Charlotte, N.C.)

Extracts from a letter to customers in which the writer analyzes the present situation in the cotton goods industry.

Social science research council. Advisory committee on social and economic research in agriculture. Research in prices of farm products--scope and method. Social Sci. Research Council Bull. 9, 271 pp. New York. 1933.

Includes Project 17-A. Response of cotton acreage. Objective: To determine for a given locality, over

a given period, the number of acres of cotton that will be planted in response to a given price--in other words, to determine the net effect of the cotton price factor upon acreage, the influence of other factors remaining constant (By E. M. Daggit): pp.102-106.--Project 34. Forecasting consumption (Joint with marketing)(By L. H. Bean): pp.182-189. Cotton is included in the discussion.

Textile price levels compared. Movement of fibres competitive with wool. Textile Mercury and Argus 90 (2343):106, table. Feb.9,1934. (Published at 41 Spring Gardens, Manchester, England)

Textilmesse--Die messe der stabilen preise. Spinner und Weber 52(8):12-13. Feb.23,1934. (Published at Gellertstrasse 7/9, Leipzig, Germany)

Textile market--the market of the stable price.

Marketing and Handling Methods and Practices

Repercussions of hedge margin proposal in trade. Minority report of New Orleans exchange directors submitted to code authorities...New York exchange views and protest of spot merchants. Cotton Trade Jour.14(10):1,3. Mar.10,1934. (Published at New Orleans, La.)

Includes letter of W. S. Dowdell to exchanges and associations; report of O. P. Geren of the New Orleans Cotton Exchange; and letter sent to Dr. G. B. L. Arner of the United States Agricultural Adjustment Administration by C. S. Ruff, president of the New Orleans Spot Merchants' Association.

Revere, C. T. Regulating cotton exchanges. Com. and Finance 23(11): 258. Mar. 14, 1934. (Published by Theodore H. Price Publishing Corp., 95 Broad St., New York, N. Y.)

Discussion of proposals for government regulation.

Services and Facilities.

Cotton digest. Annual world edition and directory of cotton exchanges. Cotton Digest 6(22): 66pp., illus. Mar. 10, 1934. (Published at Cotton Exchange Bldg., Houston, Tex.)

Includes histories of the New York Cotton Exchange, New Orleans Cotton Exchange and Chicago Board of Trade, and membership lists of American and European exchanges and associations. Also the following articles: American cotton in Europe, by Hermann Sperl; Indian versus American cotton, by C.B. Joshi; Egyptian cotton culture, by A.A. Alexandroff;

Spain as a customer, by Edwin Hedderwick; American cotton policy, by M. De Barbieris (a review of the 1933-34 season); and a short report on the Belgian cotton industry by Paul Pflieger.

Cooperation in Marketing

Separate association is set up in Lubbock district. Northwest Texas Cotton growers assn. organized. Tex. Co-op. News 14(3): 1-2. Mar. 1, 1934. (Published at 1100 South Ervay St., Dallas, Tex.) Charter and by-laws, p.2.

UTILIZATION

General

American society for testing materials. Proceedings of the thirty-sixth annual meeting held at Chicago, Illinois, June 26-30, 1933. Vol. 33, Pt. 1. 1092 pp. Philadelphia, 1933.

Contents include: Report of committee D-13 on textile materials, pp. 417-427; Proposed revisions in standards for textile materials, pp.428-434; Tentative specifications for Holland cloth, pp. 924-926; Tentative methods of test for small amounts of copper and manganese in textiles, pp. 927-930; Tentative methods for the identification of fibers in textiles and for the quantitative analysis of textiles, pp. 931-943; Tentative definitions and terms relating to textile materials, pp.944-958; Revision of standard specifications for tolerances for hose ducks and belt ducks, pp. 1044-1045; Revision of standard specifications for tolerances and test methods for certain light and medium cotton fabrics, pp.1045-1047; Revision of general methods of testing woven textile fabrics, p.1047.

Fiber, Yarn, and Fabric Quality

Ahmad, N., and Sen, D. L. A note on the wax content of Indian cottons with special reference to their feel. India. Indian Cent. Cotton Com. Technol. Bull. (ser.B) 18, 6 pp., tables. Matunga, Bombay. 1933.

"Comparing the reports of the graders with the results of the tests a tentative scale is suggested in which the degree of silkiness of a cotton is expressed in terms of its wax content."

[American society for testing materials. Committee D-13] Cotton quality standards and tests. The

problem of character in raw cotton--Determination of fineness and maturity--Improvements in Chandler bundle method for measuring of cotton fibers. Amer. Wool & Cotton Rptr. 48(12):pp.13-14. Mar.22,1934. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.)

Abstracts of the following papers presented at meeting of Section 1 on Cotton, at Washington, D. C., March 8, 1934, are given: Problem of character in raw cotton, by C. M. Conrad; Determinations of fineness and maturity by T.L.W. Bailey, Jr.; Improvements in method for measuring strength, by Howard B. Richardson.

Atsuki, Katsumoto, and Sobue, Hiroshi. The structure of cellulose gel. Report 4, Cellulose structure and direct dyeing. Cellulose Indus. 10(2): 7-12 (Abs. from the Trans.), illus. Feb. 1934. (Published by Cellulose Institute, Department of Applied Chemistry, Faculty of Engineering, Tokyo Imperial University, Tokyo, Japan)

Cotton was one of the fibers studied.

Billing, W. M. Analysis of alpha-cellulose. Plastic Prod. 9(7):277. Sept. 1933. (Published at 25 Spruce St., New York, N.Y.)

"Approx. 3-g. samples are oven-dried. Each sample is treated with 35 cc. of 17.5% NaOH, allowed to stand for 5 min., then macerated for 10 min., during which time 4 10-cc. portions of the NaOH are added. After 30-min. addnl. standing in a water bath 200 cc. water is added, the mixt. is well stirred and filtered on a fritted-glass funnel (11G2), the residue washed with 750cc. water and sucked dry, allowed to stand in 40cc. of 10% AcOH for 2 min., and again sucked dry, and finally washed with water until neutral to litmus. The dried residue is weighed as a-cellulose. All solns. and the water bath are carefully adjusted to 20°."-Chem. Abs. 27: 5963. 1933.

Buckwalter, H. M. Measurements of the first ply strains in inflated and deflected pneumatic tires. 17 pp., charts, hectogr. [Detroit, Mich., U. S. Tire Co., inc., 1933]

References, p. 9

"It is our belief that a knowledge of the resistance of a given cotton and construction to fatigue is as important as a knowledge of its tensile and elongation properties... We define fabric fatigue as the more or less gradual depreciation in cord strength as tire mileage increases."

Caine, Mustapha. Methods of yarn testing. A diagrammatical comparison of test results. Textile Recorder 51(611):23-24, diagsr. Feb. 15, 1934. (Published at Old Colony House, Manchester 2, England)

Tests for cotton yarns.

Chain length of cellulose. Textile Colorist. 55(660): 806. Dec. 1933. (Published at 233 Broadway, New York, N. Y.)

"For cellulose the chain length works out to 100 to 200 six carbon units and a molecular weight of 20,000 to 40,000. By the same method starch showed a chain length of 24 and molecular weight of 5,000"

Cotton standards. Cotton Digest 6(23): 14-15. Mar. 17, 1934. (Published at 703 Cotton Exchange Building, Houston, Tex.)

"Technological problems in developing standards for character of cotton, and various other phases of the cotton standardization research of the Bureau of Agricultural Economics were described by members of the Bureau's cotton laboratories at a meeting of the raw cotton section of the textile committee of the American Society for Testing Materials at Washington, D.C., March 8 and 9," 1934. Gives brief summaries of remarks by C. M. Conrad, T. L. W. Bailey, Jr., M. E. Campbell, and H. B. Richardson.

Also in Cotton Trade Jour. 14(11):2. Mar. 17, 1934.

Duclaux, M.J., and Dobry, A. Etat des composés cellulose en solution I. Pouvoir rotatoire de l'acétate de cellulose. Bulletin de la Société Chimique de France (ser. 4) 53-54(7): 724-728, diagr. July, 1933. (Published by Masson et Cie, 120, Boulevard Saint-Germain, Paris (6), France)

Optical rotation of cellulose acetate.

"Widely divergent values are obtained for the optical rotation of cellulose acetate in 13 organic solvents. The Darrois diagram shows that all the lines are concurrent at one point, indicating that the cellulose acetate molecules are deformed by the solvent. It is probable that the solutions contain both dextro- and laevo-rotatory cellulose acetates, the proportions varying with each solvent".- Jour. Textile Inst. 24(12):A663. Dec. 1933.

Hampson, R.E.V. The effects of laundering processes on fabrics. Jour. Textile Inst. 25(2):P23-P32, illus. Feb. 1934. (Published at 16 St. Mary's Parsonage, Manchester, 3, England.)

Hercules powder company. Virginia cellulose dept.

Hercules chemical cotton: Best source of cellulose. 30 pp., illus. Wilmington, Del. [c1934]

Describes manufacture of chemical cotton and its industrial application in synthetic fibers and as material in nitrocellulose and cellulose acetate. Includes methods of analysis of chemical cotton.

This booklet was also printed in German & French.

Herzog, A. Zur makroskopischen unterscheidung von flachs und baumwolle. Monatschrift für Textil-Industrie 49(1):3. Jan.1934. (Published by Theodor Martins Textilverlag, Leipzig, Germany)

Macroscopical examination of flax and cotton.

Hess, Kurt. Der aufbau der hochmolekularen organischen naturstoffe. Chemisch Weekblad 30(1565):619-621. Sept.23,1933. (Published at N.V.D.B. Centen's Uitgevers-Maatschappij, O.Z.Voorburgwal 115, Amsterdam (C),Netherlands)

Structure of the high-molecular organic natural substances.

A review of investigations on structure of cellulose fibers and crystalline cellulose derivatives.

Noted in Chem. Abs. 27 (22): 5964. Nov. 20, 1933.

Hess, Kurt. Ueber den mechanismus der quellungs-und lösungsvorgänge bei cellulose und stärke und seine bedeutung für konstitutionsfragen. Cellulosechemie 14(8/9): 122-124. Aug. 13, 1933. (Published at Otto Elsner Verlagsgesellschaft m.b.H., Oranienstrasse 140-142, Berlin S 42, Germany)

The mechanism of swelling and solution of cellulose and starch and its importance in questions of constitution.

"The complexity of products such as cellulose, starch, albumin and rubber, produced by a natural periodic growing process, is discussed from the viewpoint of chem. and phys. characteristics. Acetylation is studied by means of x-ray pictures, microcinematographic analysis of swelling of cellose fibers, change in mol. wt. during polymerization and depolymerization, osmotic pressure changes, etc. Tech. properties such as viscosity, spinning quality and film formation are not regarded as dependent on mol. wt."- Chem. Abs. 27(22):5610. Nov. 20, 1933.

[Lee, Sir Kenneth] Research in the cotton industry. Nature (London) 133(3357): 316-317. Mar. 3, 1934. (Published by Macmillan & Co., Ltd., St. Martin's St., London, W. C. 2, England)

Abstract of address on "Industrial research: a business man's view", delivered at the Royal Institution, December 15, 1933.

Describes organization of Research Department of Tootal Broadhurst Lee Co., Ltd., and discusses difficulties encountered in research on creasing problem in cotton, as an example of research in industry.

An editorial commenting on this address is in the same issue of Nature, p. 305-307.

Martin, H. D. Average deviation vs. average variation in textile calculations. Textile Colorist 56(661): 43-44, 59. Jan. 1934. (Published at Woolworth Building, 233 Broadway, New York, N. Y.)

Obold, W. L., Hoffheins, F. M., Ingberg, S. H., and James, L. H. Heating and ignition tests with jute. 47 pp., illus. Boston, Mass., National fire protection association (international), 1934.

Report of microbiological, thermogenic and other research conducted at the Bureau of Standards, U. S. Department of Commerce, and at Bureau of Chemistry and Soils, U. S. Department of Agriculture, to determine the fire hazard characteristics of jute.

"Self-heating resulting in ignition was obtained consistently with linseed oil and menhaden oil spread on jute and on cotton fiber, starting with initial temperatures in the range 36 to 50° C. (97 to 122° F.) With a drying oil added to linseed oil of amount comparable with that present in prepared paints, ignitions were obtained with initial temperatures no higher than 30° C. (86° F.) No significant difference was noted between jute and cotton fiber in their susceptibility to spontaneous heating with the given oils."- Abstract, p.2.

Progressing in processing of cotton. Science as the basis of modern technological practice. Textile Mercury and Argus (44th Ann. trade rev.):31. Feb. 16, 1934. (Published at 41 Spring Gardens, Manchester, England)

The author suggests that "the most important features of the past year...are work on our fibre knowledge on the one hand, and on the other the devising of a method for the permanent shrinking of cotton."

Rapid testing of textiles by fluorescence. The analytic quartz lamp in the dyeing and finishing trades. Textile Mercury and Argus 90(2343): 113. Feb. 9, 1934. (Published at 41 Spring Gardens, Manchester, England)

Rose, R. E. Dyeing cellulose materials with reference to the structure of cellulose. Indus. and Engin. Chem. (Indus. ed.) 25(11): 1265-1268. Nov. 1933. (Published by the American Chemical Society, Easton, Pa.)

"Even in dyeing ordinary cotton, which is fairly uniform, the finer micellar structure is of great importance to the results, and, in the case of re-generated cellulose of any kind, the behavior of the fiber, because of its structure, determines the process adopted by the dyer."

Sakurada, Ichiro. Einfluss der teilchenform und des spezifischen volumens auf die viskosität lyophiler kolloide. Kolloid Zeitschrift 64 (2): 195-200, diagrs. Aug. 1933. (Published by Theodor Steinkopff, Dresden, Germany)

"Tables show the specific volume and specific viscosity of colloidal solutions of nitrocellulose and the cellulose acetate. The specific volume decreases with the specific viscosity in both cases. The author deduces from the tables that the colloidal particles of nitrocellulose are approximately spherical, whereas cellulose acetate is present in solution in more or less elongated form, and is strongly solvated." -Jour. Textile Inst. 24 (12): A659. Dec. 1933.

Schiefer, H. F., and Cleveland, R. S. Wear of carpets. U.S. Dept. Com. Bur. Standards Jour. Research 12(2): 155-166, illus., tables. Feb. 1934. (Published at Washington, D. C.)

Research Paper RP640.

A study of wear on wool fibers. Table 2, p.166, "Results of tests on carpets and underlays", contains results of tests made on cotton and paper underlay.

Schwarz, E. R. Textiles and the microscope. 329 pp., illus. New York and London, McGraw-Hill book company, inc., 1934.

Bibliography, pp. 307-321.

The present work is "an attempt to place the results of the author's experience in the application of microscopy to textile research in concise and usable form." A qualitative comparison of certain common fibers is included.

Reviewed in Amer. Wool & Cotton Rptr. 48(4):40 Jan. 25, 1934. and in Textile Weekly 13 (314): 40. Mar. 9, 1934.

Shaposhnikov, V. G. Researches on moisture of the Soviet Union cotton. Issue 6, Pts. 1 and 2. Observations on small staples. 83 pp., tables. Kiev,

All-Ukrainian academy of sciences, 1932.
In Russian.

Steinbarger, R.L. Elastic and plastic properties of textile fibers. Part 1.-The stress strain relation in textile fibers: Review of literature; experimental procedure; discussion of results. Textile Research 4(5):207-234, charts. Mar. 1934. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.)

"According to the type of stress-strain curve the fibers fall into three classes: (a) Natural cellulose fibers (cotton and ramie); (b) regenerated cellulose or cellulose derivatives; (c) fibers of animal origin. The natural fibers exhibit much the greater strength."

Watkins, Thomas. Factors for rayon, cotton and silk simplify the calculation of yarn weight. Textile World 84 (4): 660, table. Mar. 1934. (Published by McGraw-Hill Publishing Co., 330 West 42d St., New York, N.Y.)

Table gives factors for use in calculating net weight of yarn at standard regain.

Webb, W. L. Optical instruments prove valuable to textile industry. Textile Bull. 46(4): 6,12. Mar. 22, 1934. (Published at 118 West Fourth St., Charlotte, N.C.)

Paper at Philadelphia Section, American Association of Textile Chemists and Colorists, January 12, 1934.

Mentions use of microscope, photomicrographic camera, Hydrogen-ion Colorimeter, silhouette projector, Spectro-Photometer, and refractometer.

Technology of Manufacture

Blending of cotton and wool for manufacture of yarns for the hosiery trade. Important claims made for new system. Textile Mercury and Argus 90(2344):130. Feb. 16, 1934. (Published at 41 Spring Gardens, Manchester, England)

Reproduced from "Platt's Bulletin."

Emerson, C.L. Textile mills modernized and rehabilitated. Manfr. Record 103 (3): 22-23, illus. Mar. 1934. (Published at Commerce and Water Sts. Baltimore, Md.)

The author points out opportunities for improvement in efficiency of textile mills.

Feed plate setting for long staple. Cotton (Atlanta) 98(3): 82, table. Mar. 1934. (Published by W.R.C.)

Smith Publishing Co., Atlanta, Ga.)

Letter to the editor, from Contributor No.6296.

Practical comments on a question concerning this and other card settings.

H., F.W. Two spinning problems: High drafting roller difficulties and a remedy. How to avoid "crackers" and lumps. Textile Mercury and Argus 40(2339): 32. Jan. 12, 1934. (Published at 41 Spring Gardens, Manchester, England)

Questions asked by F.W.H. and answers by a spinning authority.

Health of workers in dusty trades. U.S. Dept. Labor, Bur. Labor Statist., Mo. Labor Rev. 38 (2): 320-321, tables. Feb. 1934. (Published at Washington, D. C.)

The estimate of degree of dust hazard in cotton-cloth manufacturing is included in table.

Holmes, J.F. The boiling and bleaching of cotton. Textile Colorist 56(661): 53,60. Jan. 1934. (Published at Woolworth Building, 233 Broadway, New York, N. Y.)

Hudson, William. Humidity control. Fibre and Fabric 37 (2562): 13-14. Mar. 10, 1934. (Published at 465 Main St., Cambridge, Mass.)

Abstract of an address before the Preston and District Textile Managers' Association.

The percentage of humidity required to give the best results in the various processes of cotton manufacture, is indicated.

Lee, R. L., Jr. A critical study of cotton manufacturing processes. The irregularity of card silver(!) drawing (!) silver (!) roving and 28s yarn made from 1 1/16 inch Delta cotton. Textile Research 4(5): 261-262. Mar. 1934. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.)

"Card sliver is very variable. Through the first process of drawing the irregularity of the sliver decreases greatly. Through the second process of drawing the irregularity of the sliver remains unchanged to any significant extent. Through the slubber the irregularity increases markedly. Through the other roving frames no significant change is produced in the irregularity. Through the spinning frame the irregularity increases appreciably."- Conclusions.

The measurement of the humidity of the air in closed

spaces. Textile Manfr. 60(709):17-18, diagrs. Jan. 1934. (Published by Emmott & Co. Ltd., 31 King St., West, Manchester, 3, England)

Abstract of a report issued by Great Britain Department of Scientific and Industrial Research.

Modern method of twisting in warps. Uniting threads mechanically. Textile Recorder 51 (611): 48, illus. Feb. 15, 1934. (Published at Old Colony House, Manchester 2, England)

Morton, W. E., and Pollard, A. The influence of warp twist on end breakage during weaving. Jour. Textile Inst. 25 (2): T60-T69, tables. Feb. 1934. (Published) at 16 St. Mary's Parsonage, Manchester 3, England)

"For all the yarn, the cotton used was American of approximately one inch staple."

S., A. The weaving of fine or delicate cloths on Lancashire looms. Textile Manfr. 60 (709): 13. Jan. 1934. (Published by Emmott & Co. Ltd., 31 King St. West, Manchester, 3. England)

The changing over from plain weaving of staples to finer cotton and rayon fabrics calls for detailed attention to the loom; some practical aids to the weaver are described.

Scientific air control. Humidifying. purifying and ventilating apparatus. Textile Weekly 13 (314): 44-45. illus. Mar. 9, 1934. (Published at 49 Deansgate, Manchester, England)

Strong, J. H. The various strains imposed on warp threads during shedding: points to watch. Textile Mercury and Argus 90 (2338): 7. Jan. 5, 1934. (Published at 41, Spring Gardens, Manchester, England)

Westbrook, F. A. Roller-bearing spindles. Spartan mills conduct tests on value of new spinning installation. Textile World, 84(4):640-641, illus., tables. Mar. 1934. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.)

Technology of Consumption

American society for testing materials. Book of A. S. T. M. tentative standards issued annually 1933. 1136 pp., illus. Philadelphia, Pa. [c1933]

Partial contents. - Tentative specifications and test methods for cotton goods for rubber and pyro-

xylin coating, pp. 920-925; tentative specifications for Holland cloth, pp. 926-928; Tentative specifications for 0.007-in. cotton tape, pp. 940-941; Tentative methods for the identification of fibers in textiles and for the quantitative analysis of textiles, pp. 953-965; Tentative method of determining relative humidity, pp. 966-969; Tentative definitions and terms relating to textile materials, pp. 970-984.

Cotton and its products. "Smart yarns and fabrics for every decorative need." Textile Weekly 12(312): 692-693, illus. Feb. 23, 1934. (Published at 49 Deansgate, Manchester, England)

By the Editor of "Textile Weekly."

Includes discussion and illustration of the relation of cottons to "period" interiors.

[Cotton-textile institute, inc.] A cotton house. Manfr. Record 103(3): 62. Mar. 1933. (Published at Commerce and Water Sts., Baltimore, Md.)

"Incorporating a number of newly developed refinements in modern home construction, the first demonstration 'cotton house' is to be erected early in April at Northport, Long Island, New York."

From boll to mattress. Farm and Ranch 53(5):15. Mar. 1, 1934. (Published at 3306 Main St., Dallas, Tex.)

Reports plantation project in St. Francis county, Ark., in which over 300 cotton mattresses have been made, "effecting a saving of more than \$3,000 to the farm homes of the country." The cost of a single mattress was estimated to be \$7.40.

Littlefield, A. S. Advantages and disadvantages as between cotton and burlap bags in the handling of potatoes. Potato World 3(2): 15-18, mimeogr. Feb. 1934. (Published by National Potato Association, 9 South Kedzie Ave., Chicago, Ill.)

Pickering, J. W. Cotton waste utilization. The production of yarns for cotton blankets. Textile Weekly 12(312): 689. Feb. 23, 1934. (Published at 49 Deansgate, Manchester, England)

In a lecture to the Rochdale Textile Society (England), February 14, 1934.

[Stoppard, A.] Sewing cottons and their uses. Jour. Textile Inst. 25 (2): P14-P15. Feb. 1934. (Published at 16 St. Mary's Parsonage, Manchester 3, England)

Report of a lecture at meeting of Midlands Section, January 18, 1934.

U. S. Dept. of agriculture. Bureau of home economics. Instructions for making a cotton mattress. 4 pp., diagrs., mimeogr. Washington, D. C., 1934.

Williams, J.G. Retailers' standards. Characteristics of textiles. Textile Recorder 51(611):32,35. Feb. 15, 1934. (Published at Old Colony House, Manchester 2, England)

Part of a lecture given before the Leicester Textile Society on January 26, 1934.

Wolfe, R.L. Homemade cotton mattresses. Ark. Agr. Col. Ext. Circ. 322, 8pp. Little Rock. 1933.

SEED AND SEED PRODUCTS

Ardashev, B.I. Constants of linters removed from cotton seeds by the action of gaseous hydrochloric acid at ordinary temperature. Chem. Abs. 27(22): 5985 Nov. 20, 1933. (Published by American Chemical Society, Easton, Pa.)

From Zhurnal Prikladnoi Khimii (Journal of Applied Chemistry, U.S.S.R.)

"In the treatment of cotton seeds with gaseous HCl a product similar to that obtained by Girard was produced. It has a low viscosity and can probably be used in the metal-varnish industries. Detns. were made of α -cellulose, Cu no., viscosity, stability toward $\text{Ba}(\text{OH})_2$ and loss in wt. on boiling with a 7.14% soln. of NaOH. Twenty seven references."

Chipman, W. A., Jr. A new culture medium for cladocerans. Sci. 79 (2038): 59-60. Jan. 19, 1934. (Published at Lancaster, Pa.)

Recommends and describes method for using cottonseed meal as medium for raising cladocerans in laboratories.

Cottonseed weighing outfits eliminate guesswork. Amer. Ginner and Cotton Oil Miller 11(7): 13. Mar. 1934. (Published at 14 Cotton Exchange Building, Little Rock, Ark.)

Fuller, F.D., and Sullivan, James. Commercial feeding stuffs, September 1, 1932 to August 31, 1933. Tex. Agr. Expt. Sta. Bull. 488, 228 pp., tables. College Station. 1933.

Twenty-eighth annual report on inspection of feeding stuffs sold in Texas.

Cottonseed products, pp.17-18. Definitions and standards. See also Tables of analyses.

Means, R.H. Varying amounts of cottonseed hulls and sorghum silage for finishing mature steers. Miss. Agr. Expt. Sta. Bull. 301, 8pp., illus., tables. State College. 1933.

"The object of this experiment was to compare the feeding value of cottonseed hulls and sorghum silage when fed alone to varying mixtures of sorghum silage and cottonseed hulls for fattening mature steers, the cottonseed meal and Johnson grass hay to be fed in constant amounts."-p.1.

Neasham, E.W., and Gelpi, A. J. Effects of feeding cottonseed on composition and quality of butter. Natl. Butter and Cheese Jour. 25(1): 12-14, illus, table. Jan. 10, 1934. (Published by Olsen Publishing Co., 505 W. Cherry St., Milwaukee, Wis.)

Literature cited: p.14.

"When cottonseed meal constitutes 20 percent of the concentrates in a ration a butter of fairly normal consistency can be produced; 40 percent cottonseed meal, however, may produce butter of abnormally hard consistency, especially on dry feed conditions. The effects of whole cottonseed are apparently much more pronounced than those of cottonseed meal even when green succulent feeds are supplied."- Conclusions.

Oil-mills in Chekiang. Chinese Econ. Bull. 24(4):51-57. Jan. 27, 1934. (Published by the Bureau of Foreign Trade, Ministry of Industry, Customs Building, Shanghai, China)

Cottonseed oil is manufactured only in Nighsien by the Tung Li Yuan. The mill is described.

A sheep in wolf's clothing. Oil Miller and Cotton Ginner 44(1):3-4. Mar. 1934. (Published at 161 Spring St., N. W., Atlanta, Ga.)

Discusses "excess capacity" in oil milling and the provision to fix a uniform base price in the marketing agreement under the AAA.

LEGISLATION, REGULATION, AND ADJUDICATION

Arbitration council activities. Cotton (Atlanta) 98 (3): 64. Mar. 1934. (Published by W.R.C. Smith Publishing Co., Atlanta, Ga.)

Summary of 1933 activities of the General Arbitration Council of the Textile Industry, submitted by Frederick A. Colt, Secretary.

Assessment of cotton piece-goods; revised list. Indian Trade Jour. 111(1436): 1013-1014. Dec.28, 1933. (Pub-

lished by Department of Commercial Intelligence and Statistics, Calcutta, India)

"Resolution (No.68 Customs, dated the 23rd December, 1933) of the Government of India in the Finance Department (Central Revenues)" giving a list of cotton-piece-goods for the assessment of import duty.

Baker, W. C. Oklahoma ginner opposes marketing agreement. Cotton and Cotton Oil News 35(10): 7. Mar.10, 1934. (Published at P.O. Box 444, Dallas, Tex.)

A letter to the editor, quoting also a letter from Mr. Baker to Cully A Cobb, United States Agricultural Adjustment Administration.

Brehm, C. E. AAA contract sign-ups. South. Agr. 64 (3): 38. Mar. 1934. (Published at Nashville, Tenn.)

Report on the sign-up campaign for cotton, tobacco, corn and hogs, wheat and milk marketing agreements, under the United States Agricultural Adjustment Administration.

Compulsory control favored. Bankhead bill to limit cotton marketed likely to pass. Prog. Farmer (Tex. Ed.) 49(3):45. Mar. 1934. (Published at 1104 Insurance Bldg., Dallas, Tex.)

Farmers' comment on the bill.

Cotton transport act, 1923; protected cotton areas in the Baroda state. Indian Trade Jour. 112 (1441):329. Feb. 1, 1934. (Published by Department of Commercial Intelligence and Statistics, Calcutta, India)

Notification dated January 27, 1934, listing the areas in the Baroda district of India into which cotton may not be imported without the consent of the state.

Hunt, K.G. Cotton trade bewildered by rules and regulations. All proposed legislation should be carefully scrutinized. Cotton Trade Jour. 14(11):2. Mar. 17, 1934. (Published at New Orleans, La.)

By the president of the Dallas, Tex., Cotton Exchange.

Mentions the National Securities Act, the Bankhead Bill, and the Smoot-Hawley tariff.

The Indian tariff on textiles. Indo-Japanese agreement criticised: New cotton tariff bill. Manchester [Eng.] Chamber of Com. Mo. Rec. 45(2): 40. Feb. 28, 1934. (Published at Ship Canal House, King St., Manchester, England)

Labor under NRA. A flash picture of facts in represen-

tative textile centers. Textile World 84(4):628-629. Mar. 1934. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Summary of reports from the southern section and the New England section as to effect of NRA upon relationships between management and labor.

Latest draft of the Bankhead bill. Tex. Weekly 10(8): 4-5. Feb. 24, 1934. (Published at 2500 McKinney Ave., Dallas, Tex.)

Discusses the provisions of the bill to limit the quantity of cotton ginned. The writer states that "unlike the President we are opposed to this bill in principle."

[Oklahoma agricultural cooperative council] Resolution. Okla. Cotton Grower 13(12):1. Feb. 15, 1934. (Published at Oklahoma City, Okla.)

Resolution adopted January 26, 1934, asking Secretary of Agriculture Wallace to put into effect "all cotton acreage control contracts which are regularly signed by the cotton farmers, regardless of whether or not the total acreage pledged is sufficient to reduce the acreage for 1934 to 25-million acres."

Parker, Walter. Cost of acreage reduction. Cotton Digest 6(23): 8-9. Mar. 17, 1934. (Published at 703 Cotton Exchange Building, Houston, Tex.)

A plea for reciprocal trade rather than cotton acreage reduction.

Also in Cotton Trade Jour. 14(11): 3. Mar. 17, 1934.

Preferences for Britain in India's cotton tariff bill. Further concessions promised. Details of revised schedule. Textile Mercury and Argus 90(2343):107. Feb. 9, 1934. (Published at 41 Spring Gardens, Manchester, England)

"The Bill, which will give effect to the recently concluded Indo-Japanese and Bombay-Lancashire agreements involves a number of alterations to the textile tariff rates and extends the principle of Imperial preference to a range of British goods, which hitherto were subject to the same rates of entry as Japanese and other foreign manufactures."

Reconditioned cotton baling. Traffic World 53(8): 349. Feb. 24, 1934. (Published at 418 S. Market St., Chicago, Ill.)

"With Commissioners Mahaffie and Miller joining in a dissent and Chairman Lee noting a dissent, the [United States Interstate Commerce] Commission, in argument and reconsideration, in No. 24479, Carolina

Bagging Co. et al. vs. Norfolk & Western et al., has affirmed the decision of division 3 in the original report, 195 I.C.C. 791, on old or 'mill run' cottonbale covering. The finding in the original report was that the interstate rates on that sort of bale covering, not suitable for baling cotton until reconditioned or further manufactured, in straight or mixed carloads of old cotton-baling ties and buckles, from points in Virginia, Tennessee, the Carolinas, Georgia and Alabama to Henderson, N. C., and Augusta, Ga., and on new, reconditioned or rewoven cotton bale covering, also in straight or mixed carloads with new or repaired ties and buckles from Henderson to destinations in South Carolina and Georgia, were unreasonable."

Roberts, Clarence. Bankhead bill applies to signers also. Okla. Farmer-Stockman 47(6): 123. Mar. 15, 1934. (Published at Oklahoma City, Okla.)

The author expresses surprise that the Bankhead bill will apply to the signer as well as the non-signer of the cotton reduction contract.

Salisbury, Morse, and Garwood, S. M. Questions and answers about the emergency loans. Cotton Co-op of S. C. 4(1):3-4. Jan.-Feb. 1934. (Published at 626 Divine St., Columbia, S. C.)

Radio broadcast on February 27, 1934.

Sloan, G. A. The oldest code in action. Com. and Finance 23(11): 261-263. Mar. 14, 1934. (Published by Theodore H. Price Publishing Corp., 95 Broad St., New York, N. Y.)

From an address at the annual banquet of the Rhode Island Textile Association on February 20, 1934 at Providence, R. I.

Extracts also in Fibre and Fabric 87(2560):14. Feb. 24, 1934.

Details of methods followed under the Cotton Textile Code.

Sloan, G. A. Says textile code aids the small mills. Textile Bull. 46(3): 8,25. Mar. 15, 1934. (Published at 118 West Fourth St., Charlotte, N. C.)

In an address before the "Small Enterprises" group of the Code Authority Conference at Washington, D.C.

Spanish duty on cotton. Textile Mercury and Argus 90 (2343):xii. Feb. 9, 1934. (Published at 41, Spring Gardens, Manchester, England)

"The 'Gaceta de Madrid', of January 20, contains a Decree of January 19 which makes provisions for the encouragement of cotton growing in Spain. It provides, inter alia, for the free distribution of cotton seed and also for the fixing of prices for raw

cotton grown in Spain. In order to defray the expenses involved, an additional duty of 5 centimos per kilog. gross, or one of 5.3 centimos per kilog. net, is to be levied on all raw cotton imported into Spain, and in stock, as from January 20."

Staple length of cotton. General rubber co. v. United States. U. S. Treasury Dept. Treasury Decisions 65 (11): 13-41. Mar. 15, 1934. (Published at Washington, D. C.)

Decisions of the United States Customs Court (T.D. 46920).

The Court decided that "whether determined by the comparative method or by the actual measurement of the fibers, the staple of the cotton at bar is less than 1 1/8 inches in length, and said cotton is entitled to free entry under paragraph 1662 of the Tariff Act of 1930." Judge David H. Kincheloe dissented.

[Steel-Maitland, Sir Arthur] Cotton restriction. Economist 118 (4724): 503-505. Mar. 10, 1934. (Published at 8 Bouverie St., Fleet St., London, E.C.4, England)

The writer, who has recently returned from an extended tour in America, discusses the problems faced by the President "in any attempt to 'plan' the future cotton production of the United States." The effect of a permanent and a temporary policy of restriction, the object of which is to raise the price of cotton to 15 cents a pound, is considered. The writer thinks that the object of restriction will be frustrated in both cases. "The possibilities of a definite scheme for diversified farming should be considered without delay... The execution of the project would be best left to individual initiative ...The State would have to provide a considerable sum of money, but it would be much less than is likely to be wasted in the cotton restriction programme."

Textile codes at a glance. Textile World 84(3):419-422, charts. Feb. 28, 1934. (Published by Bragdon, Lord and Nagle Co., Inc., 330 West 42d St., New York, N. Y.)

Chart shows field covered, maximum hours per worker and per machine, minimum wages, installation of equipment, fair trade practices. "stretch-out", organization submitting code, and status of each code in which the textile industry is interested.

U. S. Congress. House. Committee on agriculture. Bankhead cotton control bill. Hearing...seventy-third Congress, second session on H.R. 8402 (and earlier drafts) February 12,13,14,15,16, and 17, 1934. Serial I. 167 pp. Washington, D. C., Govt. Print. off., 1934.

U. S. Dept. of agriculture. Agricultural adjustment administration. Agricultural adjustment. A report of the Agricultural Adjustment act May 1933 to February 1934. 393 pp., charts, tables. Washington, D. C., Govt. print. off., 1934.

Chap. 3. Cotton, pp. 19-41.

Appendix J. Agricultural adjustment act (as amended) pp.361-368.

United States news. Conference of code authorities and trade association code committees at Washington, D.C. under the auspices of the National recovery administration. Proceedings of general sessions and group meetings March 5th to 8th [1934] U. S. News 2 (11): Extra NRA ed., 95pp. Mar. 16, 1934. (Published at Washington, D. C.)

Statements by G. A. Sloan, pp. 51-52,66,74,76; Robert Bruere, p. 68; Robert West, p. 59-60.

White, Dabney, What will Texas ginners do about protecting themselves? Cotton and Cotton Oil News 35 (10):10-11. Mar. 10, 1934. (Published at P.O. Box 444, Dallas, Tex.)

Criticism of the Bankhead Cotton Control Bill from the ginner's viewpoint.

Whitney, S. N. Trade associations and industrial control. A critique of the N.R.A. 237 pp. New York, Central book co., 1934.

Chap. III. Experience of trade associations in industrial control. A. Cotton goods, pp.61-76.

MISCELLANEOUS--GENERAL

China. National economic council. Cotton commission. [Index of cotton and cotton textile literatures in China] 54 pp. [n.p.] 1933.

In Chinese.

Section in English, pp. 6-12.

Cox, A. B. A cotton policy for the United States.. Cotton Ginners' Jour. 5(6): 7,14. Mar. 1934. (Published at 109 Second Ave., Dallas, Tex.)

Reprinted from the "Texas Business Review."

Outline of a proposed policy comprehending all branches of the cotton industry.

Harvey, R. O. Address. Cotton Digest 6(23):5-6. Mar. 17, 1934. (Published at 703 Cotton Exchange Building, Houston, Tex.)

Address of the president of the Texas Cotton Association at annual convention in Dallas, March 16-17, 1934.

The speaker outlined the problems facing the American cotton industry.

Also in Cotton Trade Jour. 14(11): 1, 8. Mar. 17, 1934. Cotton and Cotton Oil News 35 (11): 4-5. Mar. 17, 1934.

[India. Indian central cotton committee] [Report of twenty-eighth meeting] Indian Textile Jour. 44 (520): 116-119. Jan. 1934. (Published at Military Square, Fort, Bombay, India)

Speeches and proceedings at meeting in Bombay, January 29, 1934. Discussion was held concerning use of Indian cotton in Lancashire.

Jordan, Harvie. Economic reforms in ginning and baling cotton. Next big undertaking of the Federal farm administration--Marketing cotton by aid of federal expert graders at local warehouses. South. Cult. 92 (2): 2. Feb. 1, 1934. (Published by the Constitution Publishing Co., Box 731, Atlanta, Ga.)

Mullin, C. E. The Japanese textile schools. A brief description of the textile school system of Japan, their work, faculties, etc. Textile Colorist 55 (660): 804-806, illus. Dec. 1933. (Published at 233 Broadway, New York, N. Y.)

Oldham master cotton spinners' association, ltd. Report of the committee for year ended December 31st, 1933 together with lists of the committee and members. 76pp. Oldham, Thos. Dornan, Ltd., printers, 1934.

The report includes discussion of the present position of the cotton industry, tariffs, false-packed American cotton, sisal covering of bales, and tendering against futures contracts.

Texas cotton association. 23rd annual convention. Cotton Trade Jour. 14 (11): 1. Mar. 17, 1934. (Published at New Orleans, La.)

Report of meeting held at Dallas, Tex., March 16-17, 1934.

Also in Com. & Finance 23 (12): 281. Mar. 21, 1934.

U. S. Dept. of agriculture. Bureau of chemistry and soils. Research, the most important factor in the conservation and profitable utilization of farm products, by-products, surpluses and our soil resources...Re-

vised December 1, 1933. 139pp., mimeogr. Washington, D. C. 1933.

"A few selected examples of the current work of the Bureau of Chemistry and Soils which have a direct and constructive bearing on the economic condition of agriculture today." -Foreword.

Includes discussion of preservative treatment of cotton goods; "hydrogenation" of cottonseed oil; feeding cottonseed meal; and fertilizers for cotton in connection with root-rot control.

U. S. Dept. of commerce, Bureau of standards. Publications relating to textiles. U. S. Dept. Com., Bur. Standards Letter Circ. 396, 63 pp., mimeogr. Washington, D. C., 1933.

Supersedes Letter Circ. 143.

"A list of all papers relating to textiles, including those appearing in non-governmental as well as in governmental publications, written by or in collaboration with members of the staff of the Bureau of Standards."

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Crop Reports (Summarized in Crops and Markets, which is issued monthly): to be issued May 22, July 9, Aug. 8, Sept. 8, Oct. 8, Nov. 8, Dec. 8, 1934.

Grade and Staple Reports:

Grade, Staple Length and Tenderability of Cotton Ginned in the United States: to be issued Nov. 2, Dec. 1, 1934; Jan. 4, Apr. 2, 1935.

Weekly Grade and Staple Summary: issued Saturdays during height of ginning season, at Washington.

Weekly Grade and Staple Reports: issued Saturdays during height of ginning season, at Atlanta, Ga.; Memphis, Tenn.; Dallas, Austin, and El Paso, Tex.

Market News Reports:

American Cotton Linters Price Report: issued Wednesdays.

Daily Official Report of the Designated Spot Cotton Markets: issued from Atlanta, Ga.

Staple Cotton Premiums: issued daily and weekly (Saturday) from Atlanta, Ga.

Cotton Market Review: issued Saturday, at Washington, D. C., Atlanta, Ga., and Memphis, Tenn.

World Cotton Prospects: issued monthly.